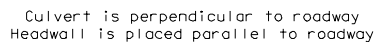


1. Sockets shall be 3" extra strong steel pipe (3 1/2" OD). Sockets must be the proper angle to allow safety bar to be easily removed.
2. Safety Bar shall be 4" extra strong (4 1/2" OD) steel pipe.
3. Bevel culvert pipe to match side slope.



Culvert is skewed to roadway
Headwall is placed parallel to roadway



DETAIL A

TYPE 1 SAFETY BARS FOR STEPPED CULVERT PIPE OR PIPE ARCH